

Tsuei-Lian Wang

List of Publications by Year in descending order

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12
papers

238
citations

1478505
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h-index

1588992
8
g-index

12
all docs

12
docs citations

12
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Power Optically Pumped Semiconductor Laser at 1040 nm. IEEE Photonics Technology Letters, 2010, 22, 661-663.	2.5	67
2	Semi-quantitative Surface Enhanced Raman Scattering Spectroscopic Creatinine Measurement in Human Urine Samples. Optical and Quantum Electronics, 2005, 37, 1415-1422.	3.3	45
3	Doppler-free spectroscopy of mercury at 2537 nm using a high-power, frequency-quadrupled, optically pumped external-cavity semiconductor laser. Optics Letters, 2011, 36, 61.	3.3	43
4	Heat Management in High-Power Vertical-External-Cavity Surface-Emitting Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 1772-1778.	2.9	24
5	VECSEL Optimization Using Microscopic Many-Body Physics. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 1753-1762.	2.9	22
6	Predictive Microscopic Modeling of VECSELS. IEEE Journal of Quantum Electronics, 2010, 46, 810-817.	1.9	20
7	Strategies for power scaling VECSELS. , 2012, , .		6
8	Influence of non-radiative carrier losses on pulsed and continuous VECSEL performance. , 2012, , .		6
9	High Peak Power Operation of a 1- $\hat{1}$ / ₄ m GaAs-Based Optically Pumped Semiconductor Laser. IEEE Photonics Technology Letters, 2012, 24, 380-382.	2.5	3
10	<i>In situ</i> spectroscopy of high-power vertical-external-cavity surface-emitting lasers. Physica Status Solidi (B): Basic Research, 2013, 250, 1781-1784.	1.5	1
11	Optically pumped external-cavity semiconductor lasers for precision spectroscopy and laser cooling of atomic Hg. , 2013, , .		1
12	Design and optimisation of VECSELS for the IR and mid-IR. Proceedings of SPIE, 2011, , .	0.8	0